

IN THE CLAIMS:

Claims 1-2 (Canceled)

3. (Currently Amended) The method of claim 12 [[1]] wherein the scaling factor is a scaling matrix.

4. (Currently Amended) The method of claim 12 [[1]] wherein the new available data of the signals is based on any length.

5. (Currently Amended) The method of claim 12 [[1]] wherein the new available data of the signals is a frame.

6. (Currently Amended) The method of claim 12 [[1]] wherein the new available data of the signals is an utterance.

7. (Currently Amended) The method of claim 12 [[1]] wherein the new available data of the signals is a fixed time period.

8. (Currently Amended) The method of claim 12 [[1]] wherein the new available data is every 10 minutes of a speech signal.

9. (Currently Amended) The correction of claim 12 [[1]] wherein the correction is the product of any sequence whose limit is zero, whose summation is infinity and whose square summation is not infinity and a summation of quantities weighted by a probability.

10. (Previously Presented) The method of claim 3 wherein the scaling matrix is a diagonal.

11. (Currently Amended) The method of claim 12 [[1]] wherein the scaling factor is in exponential form.

12. (Previously Presented) A method of updating a model for speech recognition, comprising:

adjusting a covariance associated with the model by a scaling factor to provide an adjusted variance;

updating the scaling factor based on a speech signal to be recognized, wherein the speech signal is to be recognized using the model;

updating the scaling factor each time new data of the speech signal is available;

calculating a new scaling factor by adding a correction item to a previous scaling factor; and

updating the model using the adjusted covariance.